

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services  
Division of Health Engineering, 10 SHS  
(207) 287-5672 Fax: (207) 287-3165

## PROPERTY LOCATION

City, Town, or Plantation	Lamoine
Street or Road	Kings Lane
Subdivision, Lot #	River View Subd. Lot #1

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City	LAMOINE	Permit #	1701
Date Permit Issued	10/2/12	Fee: \$	250
Local Plumbing Inspector Signature		Double Fee Charged [ ]	
		L.P.I. #	1090

## OWNER/APPLICANT INFORMATION

Name (last, first, MI)	Sargent, John	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant
Mailing Address of Owner/Applicant	37 Gage Road Wilton, NH 03086	
Daytime Tel. #	603-654-2162	

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map # 7 Lot # 4-1-10

## OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant Date 9/25/12

## CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Signature of Local Plumbing Inspector Date 12/18/12 (1st) date approved  
Signature of Local Plumbing Inspector Date 12/11/12 (2nd) date approved

## PERMIT INFORMATION

<b>TYPE OF APPLICATION</b> <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type replaced: _____ Year installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<b>THIS APPLICATION REQUIRES</b> <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<b>DISPOSAL SYSTEM COMPONENTS</b> <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous Components
<b>SIZE OF PROPERTY</b> 2.49 <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	<b>DISPOSAL SYSTEM TO SERVE</b> <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms <b>2 (TWO)</b> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: _____ (specify) Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	<b>TYPE OF WATER SUPPLY</b> <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other "Proposed"

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<b>TREATMENT TANK</b> <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: 3' dia. Pump station CAPACITY: 1000 GAL	<b>DISPOSAL FIELD TYPE &amp; SIZE</b> <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: 664 <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	<b>GARBAGE DISPOSAL UNIT</b> <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes of Maybe, specify one below: <input type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. increase in tank capacity <input checked="" type="checkbox"/> d. Filter on Tank Outlet	<b>DESIGN FLOW</b> 201 gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.1 (other facilities) SHOW CALCULATIONS — for other facilities —
<b>SOIL DATA &amp; DESIGN CLASS</b> PROFILE CONDITION DESIGN 2 / B / 1 at Observation Hole # TP-1 Depth >36" of Most Limiting Soil Factor Groundwater	<b>DISPOSAL FIELD SIZING</b> <input type="checkbox"/> 1. Medium—2.6 sq. ft. / gpd <input checked="" type="checkbox"/> 2. Medium—Large 3.3 sq. ft. / gpd <input type="checkbox"/> 3. Large—4.1 sq. ft. / gpd <input type="checkbox"/> 4. Extra Large—5.0 sq. ft. / gpd	<b>EFFLUENT/EJECTOR PUMP</b> <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input checked="" type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: 40 gallons	<input type="checkbox"/> 3. Section 503.0 (meter readings) ATTACH WATER METER DATA <b>LATITUDE AND LONGITUDE</b> at center of disposal area Lat. 44 d 29 m 36.2 s Lon. 68 d 20 m 52.5 s if g.p.s. state margin of error: 20'

## SITE EVALUATOR STATEMENT

I certify that on 6-22-12 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Signature of Site Evaluator J. Peter Crane

LSE #33  
SE #

6-29-12  
Date

J. Peter Crane  
Site Evaluator Name Printed

207-667-5007  
Telephone Number

pahcrane@myfairpoint.net  
Email Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

Designed with SeptiCAD  
HHE-200 Rev. 4/05

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Division of Health Engineering, Station 10  
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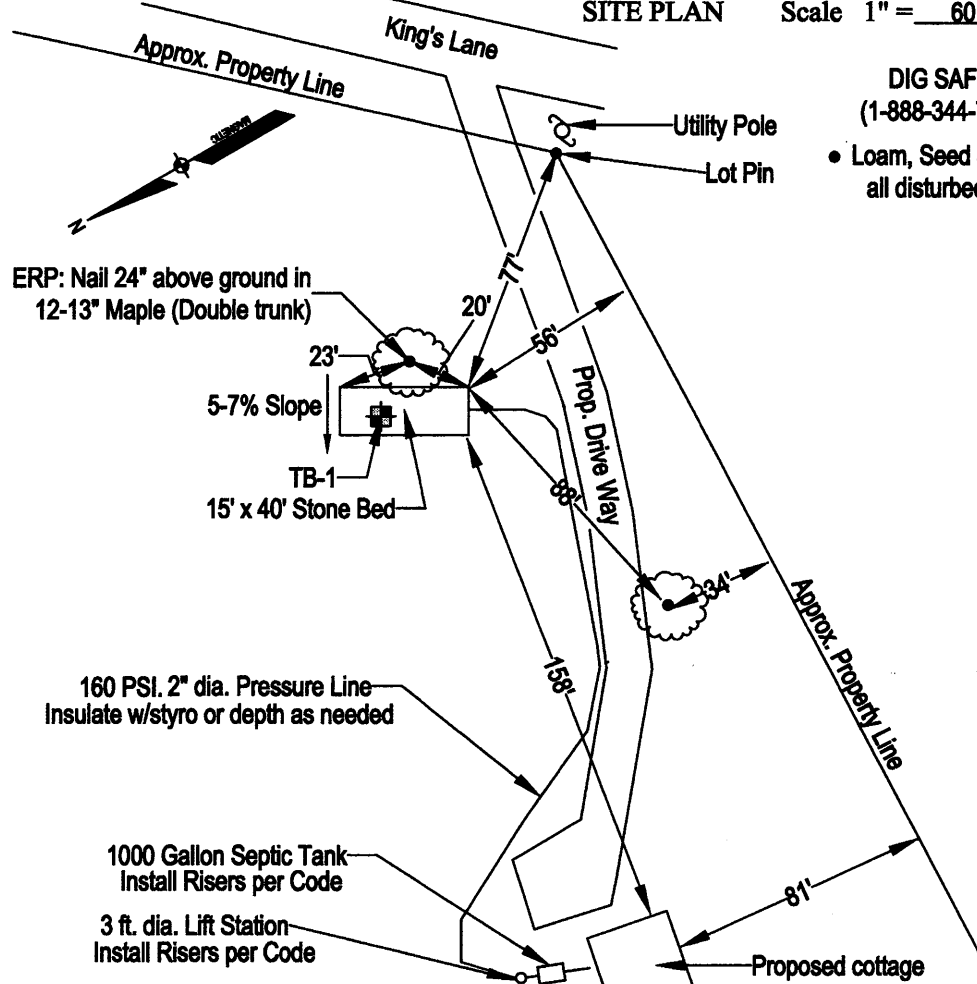
Town, City, Plantation  
Lamoine

Street, Road, Subdivision  
Kings Lane

Owner or Applicant Name  
John Sargent

## SITE PLAN

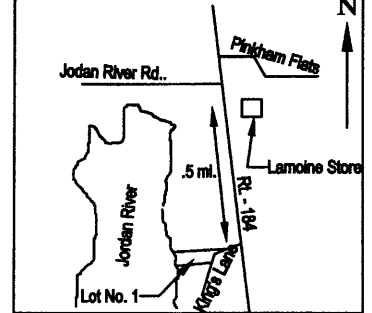
Scale 1" = 60 ft.



DIG SAFE  
(1-888-344-7233)

- Loam, Seed & Mulch all disturbed areas

## SITE LOCATION PLAN



- Septic Tank must be Minimum of 8' from building foundation
- Disposal Area must be 100 ft. and Septic Tank 50 ft. from potable wells
- Approx. Lift from Pump to disposal field is 25 ft.
- All permits and/or notifications prior to construction are the responsibility of the Owner

Peter Crane receives no financial benefit from or have a business agreement with manufacturers of any Proprietary Leaching Products

## SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole #	TB-1	Test Pit	Boring
0	Depth of organic horizon above mineral soil		
Texture	Consistency	Color	Mottling
45" 0			
6			
12	Fine Sandy Loam	Friable	Dark Brown
18			
24			
30	Silt Loam		Black
36			
42	FINE SANDY LOAM		YELLOWISH BROWN
48			
Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth
2	B	5-7	>36"
			Groundwater Restrictive Layer Bedrock

Observation Hole #	Depth of organic horizon above mineral soil				<input type="checkbox"/> Test Pit	<input type="checkbox"/> Boring
Texture	Consistency	Color	Mottling			
0						
6						
12						
18						
24						
30						
36						
42						
48						
Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	<input type="checkbox"/> Groundwater	<input type="checkbox"/> Restrictive Layer	<input type="checkbox"/> Bedrock

J. Peter Crane  
Site Evaluator Signature

# 33  
SE #

6-29-12  
Date

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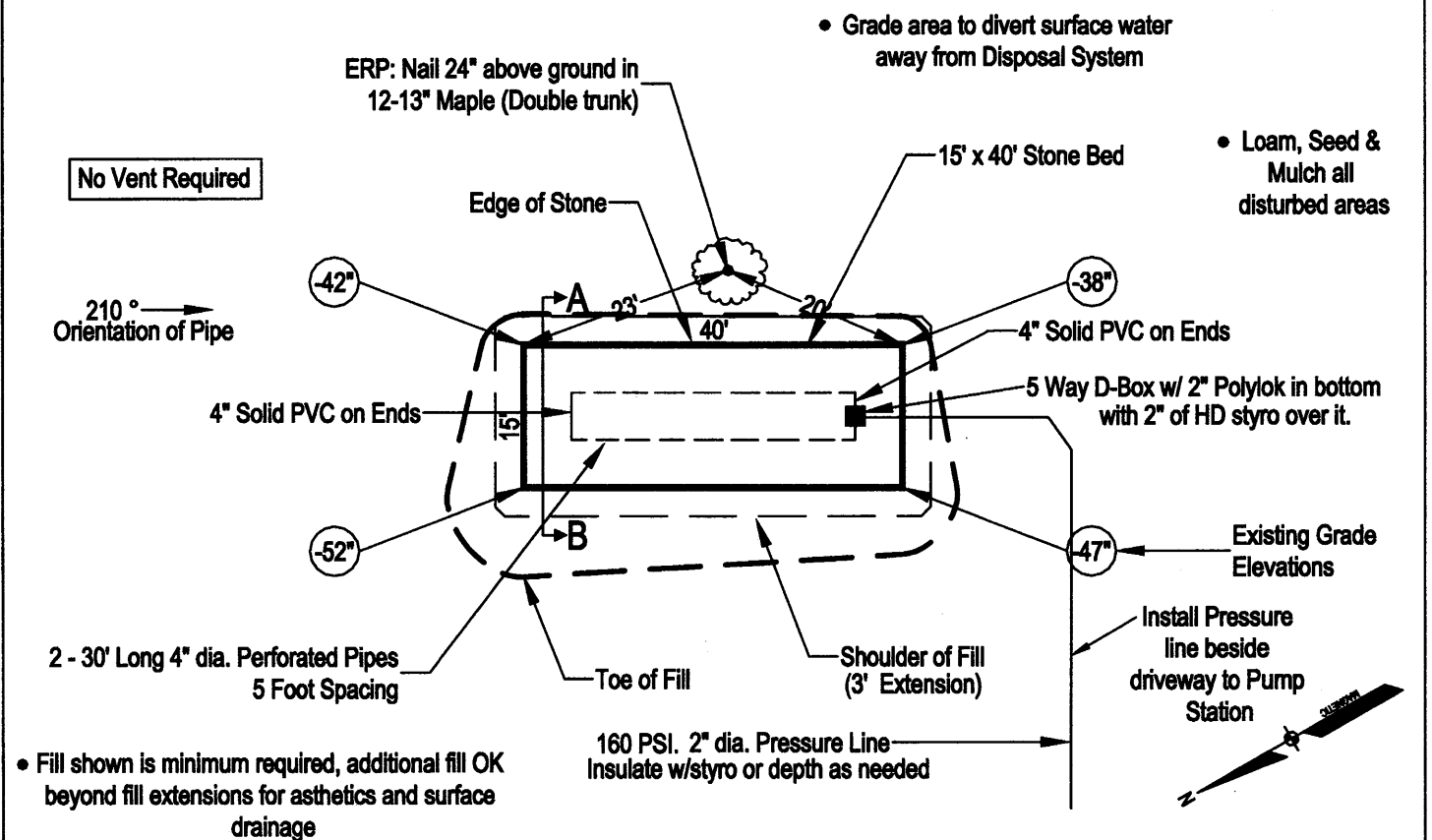
Town, City, Plantation  
**Lamoine**

Street, Road, Subdivision  
**Kings Lane**

Owner or Applicant Name  
**John Sargent**

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' ft



### BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 4'-0"  
Depth of Backfill (downslope) 14'-9"

### CONSTRUCTION ELEVATIONS

Finished Grade Elevation -38"  
Top of 4" PERF. PIPE -51"  
Bottom of Disposal Field -62"

### ELEVATION REFERENCE POINT

Location & Description: Nail 24" above ground in 12-13" Maple (Double trunk)  
Reference Elevation is 0.0" "ASSUMED"

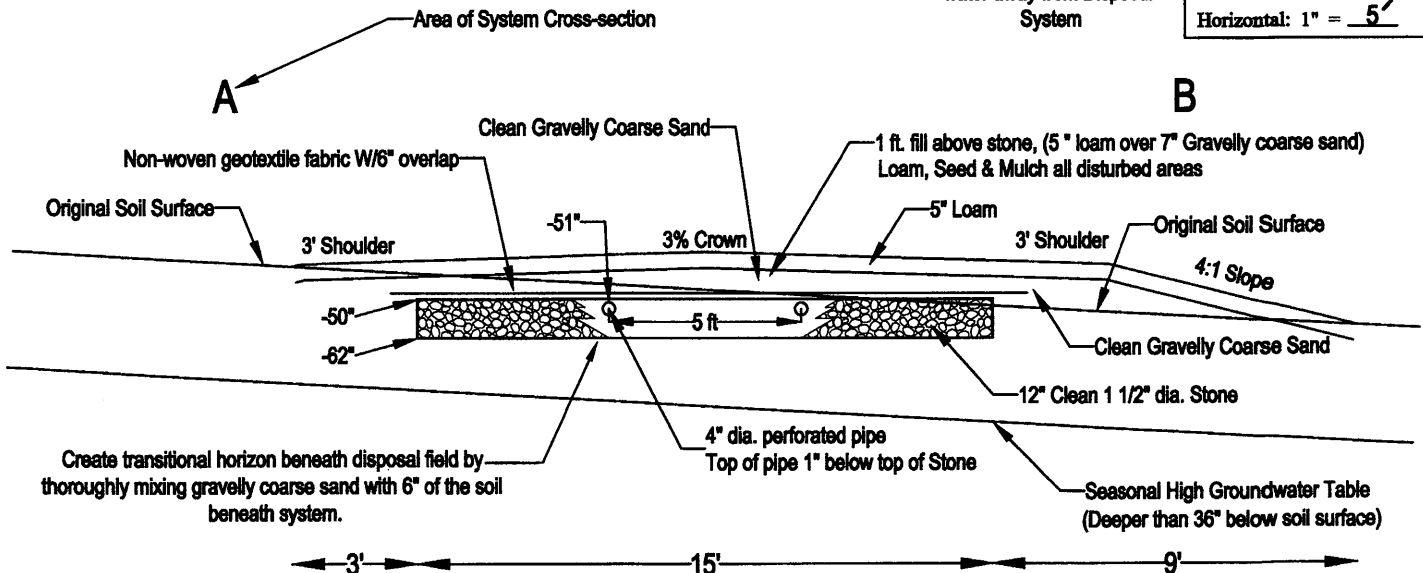
### DISPOSAL FIELD CROSS SECTION

- Remove organics & scarify entire area to be filled.

- Grade area to divert surface water away from Disposal System

Scales:

Vertical: 1" = 5'  
Horizontal: 1" = 5'



*J. Peter Crane*  
Site Evaluator Signature

#33  
SE #

6-29-12  
Date

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